Course : Project Management
Course Code : MGT307
Credit House : 03
Course Week : 16 – 18
Total Hours : 48 – 54
Semester : 06

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Week 1
Introduction:
  • Project Defined
  • Type of Project
  • Project
  • Analysis
  • Economics and Financial Point of
  • Project stages
    o Identification
    o Preparation
    o Appraisal
    o Management
    o Implementation
    o Evaluation/Feed Back

Week 2
Cost Benefit Analysis:
  • Introduction
  • Introduction of cost and benefits
  • Qualification of cost and benefits

Week 3
  • Decision criteria under certainty
  • Introduction
  • Criteria for project selection models.
  • Types of project selection models.
  • Non-Numerical models.

Week 4, 5
  • Net Present Value (NPV)
  • Pay back period (PBP)
  • Internal rate of return (IRR)
  • Benefit cost ratio (B/C)

Week 6
Using Criteria’s for choosing Projects
  • NPV
  • PBP
  • IRR
  • B/C ratio

Week 7
Decision rules under uncertainty:
  • Introduction
  • The pay
  • The maximum in and maximum out rules

Week 8
  • The Hurwice rule
  • The maximum regret rule
  • Numerical

Week 9
Network Analysis:
  • Introduction
  • Bar Charts
  • GANT Charts
  • Network Diagrams

Week 10, 11
  • Activities, Events Notes
  • Network Analysis
  • CPM
  • PERT

Week 12
Numerical Treatment
  • Network Analysis
  • CPM
  • PERT

Week 13, 14
Budgeting and cost estimation
  • Budget definition
  • Estimating project budget
  • Top-Down budgets
  • Bottom-Up budgets
  • Activity budgeting v/s program budgets
  • Other factors

Week 14, 15
• Project Control
• Definition of control
• The fundamental purpose of control
• Physical asset control
• Human Resource Contract
• Financial Resource control

Week 16
Assignment Presentation

Reference books:
1. Project management by Meredith Mantel (Fourth Edition)
2. Project Management By David L Clalad
3. The Little Black Books of Project Management by Micheal C Thomsell